

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JUNE-DO KIM

Serial No.:

to be assigned

Examiner:

to be assigned

Filed:

10 February 2004

Art Unit:

to be assigned

For:

APPARATUS AND METHOD FOR GENERATING A CALLING TONE OF

WIRE/WIRELESS TELEPHONE

## Information Disclosure Statement

## **Mail Stop Patent Application**

Commissioner for Patents P.O.Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes and provides copies of the following art references:

- 1. U.S. Patent No. 6,484,027 to Mauney *et al.*, entitled *ENHANCED WIRELESS HANDSET, INCLUDING DIRECT HANDSET-TO-HANDSET COMMUNICATION MODE*, issued on November 19, 2002;
- 2. U.S. Patent No. 6,473,628 to Kuno *et al.*, entitled *TELEPHONE SET*, issued on October 29, 2002;
- 3. U.S. Patent No. 5,170,172 to Weinstein, entitled *ELECTRONIC ASSEMBLY FOR RANGE FINDING USING RADIO WAVE SIGNAL STRENGTH*, issued on December 8, 1992;
- 4. U.S. Patent No. 4,310,722 to Schaible, entitled *MOBILE RADIOTELEPHONE*STATION TWO-WAY RANGING SYSTEM, issued on January 12, 1982; and

- 5. U.S. Patent No. 4,229,620 to Schaible, entitled *MOBILE RADIOTELEPONE*STATION TWO-WAY RANGING SYSTEM, issued on October 21, 1980.
- 6. Korean Patent Application No. 10-1996-0045743 to Jong-Gwang Kim, entitled METHOD FOR GENERATING RING RECEIVING SOUND IN WIRELESS TELEPHONE, published on 9 February 1999.

Mauney et al. '027 relates to a full-featured wireless handset that is capable of operating either within a wireless network or in a direct handset-to-handset communication mode that is independent of the wireless network.

Kuno *et al.* '628 discloses a telephone set which automatically switches between displaying telephone communication information and displaying images on a display panel of the telephone set.

Weinstein '172 discloses a radio range finding system that includes a radio frequency transmitter adapted to be located adjacent to an area in which distance is to be monitored, a transmitting antenna, and a receiver unit.

Schaible '722 and 620 disclose a mobile radiotelephone station two-way ranging system in which the presence of the correct tone in a received radio channel call signal is determined by using the received signal to produce a lower frequency tone that is readily selectable from similar tones produced in response to incorrect supervisory tones.

Kim '743 relates to a method for generating a ring receiving sound in a wireless telephone so as to ring a ring receiving sound with a time difference interval in a fixed device and a portable device. An English language Abstract is attached. Please note that the publication date set forth in the English Abstract is incorrect. The application was filed on 14 October 1996 and published on 15 July 1998. The application was registered as 10-194470 on 9 February 1999.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

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Folio: P56926

Date: 10 February 2004 I.D.: REB/kf

## INFORMATION DISCLOSURE STATEMENT PTO-1449 (PAGE 1 OF 1)

this form with next communication to applicant.

SERIAL NUMBER	to be assigned	DOCKET NO. P56926					
APPLICANT JUNE-DO KIM							
FILING DATE	0 February 2004	GROUP	to be assigned				

U.S. PATENT DOCUMENTS								
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	ASS FILING DATE		
	6,484,027	11/02	Mauney et al.					
	6,473,628	10/02	Kuno et al.					
	5,170,172	12/92	Weinstein					
	4,310,722	1/82	Schaible					
	4,229,620	10/80	Schaible					
							-	
FOREIGN PATENT DOCUMENTS						TRANSLATION		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
	KR10-1996-45743	2/99	Republic of Korea			Abstract		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
	EVALUATE CONSIDERED.							
EXAMINED	EXAMINER: DATE CONSIDERED:  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 8609. Draw line through citation if not in conformance and not considered. Include copy of							